

ABSTRACT OF THE DISCLOSURE

There is provided a flexible, lightweight high-performance pressure activated interface (1) that can cooperate with a variety of different textiles as well as with any of a variety of different electronic devices/systems without compromising characteristics of the

5 different textiles. The interface (1) having a textile construction with one or more collapsible cavities (10). The collapsible cavities (10) having one or more conductive contact areas (30) associated with one or more leads (20) and situated such that at least two of the one or more conductive contact areas (30) can electrically communicate via a

10 mechanical interaction. The at least two of the one or more conductive contact areas (30) being elevated relative to the one or more leads (20).